

FORM PTO 1449 (modified)

ATTY DOCKET NO.

SERIAL NO.
09/901,106U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
EBESU ET AL.LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

FILING DATE July 10, 2001

GROUP

Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|-----------|--------|-------|----------|-------------------------------|
| | AA | 4,816,392 | 3/28/1989 | Hokama | | | |
| | AB | 5,525,525 | 6/11/1996 | Hokama | | | |
| | AC | 5,866,430 | 2/2/1999 | Grow | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | AP | Hokama et al.; <u>A radio immunoassay for the detection of ciguatoxin</u> ; Toxicon, Vol. 15 (1977); Pages 317-325 |
| | AQ | Tachibana, Kazuo; <u>Structural Studies of Marine Toxins</u> ; Ph.D. Dissertation in Chemistry, Univ. of Hawaii, August 1980 |

EXAMINER

DATE CONSIDERED

FORM PTO 1449 (modified)

ATTY DOCKET NO.

SERIAL NO.

09/901,106

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

JAN 28 2004

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)APPLICANT
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AP | Kimura et al.; <u>Comparison of three different assays for the assessment ciguatoxin in fish tissues: radioimmunoassay, mouse bioassay, and in vitro guinea pig atrium assay</u> ; Toxicon, Vol. 20, No. 5, (1982); Pages 907-912 |
| AQ | Hokama, Y.; <u>A rapid simplified enzyme immunoassay stick test for the detection of ciguatoxin and related polyethers from fish tissues</u> ; Toxicon, Vol. 23, No. 6, (1985); Pages 939-946 |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.
09/901,106APPLICANT
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| AP | Lewis, Nancy D.; <u>Epidemiology and Impact of Ciguatera in the Pacific: A Review</u> ; Marine Fisheries Review, Vol. 48, No. 4, (1986); Pages 6-13 |
| AQ | Lombet et al.; <u>Ciguatoxin and brevetoxins share a common receptor site on the neuronal voltage-dependent Na⁺ channel</u> ; Federation of European Biochemical Societies Letters, Volume 219, No. 2, (July 1987); Pages 355-359 |

EXAMINER

DATE CONSIDERED

ATTY DOCKET NO.

SERIAL NO.

09/901,106

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
EBESU ET AL.LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

FILING DATE July 10, 2001

GROUP

Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AP | Taylor et al.; <u>Optimization of a Flow Injection Sampling System for Quantitative Analysis of Dilute Aqueous Solutions Using Combined Resonance and Surface-Enhanced Raman Spectroscopy (SERRS)</u> ; Applied Spectroscopy, Vol. 44, No. 4, (1990); Pages 635-640 |
| AQ | Hokama, Y.; <u>Simplified Solid-Phase Immunobed Assay for Detection of Ciguatoxin and Related Polyethers</u> ; Journal of Clinical Laboratory Analysis, Vol. 4, (1990); Pages 213-217 |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

ATTY DOCKET NO.

SERIAL NO.

09/901,106

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
EBESU ET AL.LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

FILING DATE July 10, 2001

GROUP

Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|---|
| | AP | Kang Xi et al.; <u>Determination of Low Concentrations of the Azo-Dye Complex of Nitrite in Fresh Water and Seawater Using Surface-Enhanced Resonance Raman Spectroscopy (SERR)</u> ; Applied Spectroscopy, Vol. 46, No. 5, (1992); Pages 819-826 |
| | AQ | Yasumoto et al.; <u>Marine Toxins</u> ; Chemical Review, Vol.93, (1993); Pages 1897-1909 |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

ATTY DOCKET NO.

SERIAL NO.
09/901,106APPLICANT
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| * EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AP | Hokama et al.; <u>Evaluation of the Hawaiian Reef Fishes with the Solid Phase Immunobead Assay</u> ; Journal of Clinical Laboratory Analysis, vol. 7, (1993); Pages 26-30 |
| AQ | Manger et al.; <u>Detectioun of Sodium Channel Toxins: Directed Cytotoxicity Assays of Purified Ciguatoxins, Brevetoxins, Saxitoxins, and Seafood Extracts</u> ; Journal of the AOAC International, Vol. 78, No. 2, (1995); Pages 521-527 |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

ATTY DOCKET NO.

SERIAL NO.

09/901,106

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| AP | Barton et al.; <u>Ciguatera Fish Poisoning: A Southern California Epidemic</u> ; Western Journal of Medicine, Vol. 163, (1995); Pages 31-35 |
| AQ | De Haro et al.; <u>Mass ciguatera fish poisoning after eating barracuda in Mexico: Prognostic and Therapeutic Implications</u> ; (In French); Med Trop(Mars); Vol. 57, (1997); Pages 55-58 |

EXAMINER

DATE CONSIDERED

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)

(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.

09/901,106

APPLICANT
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|--|
| AP | Nie et al.; <u>Probing Single Molecules and Single Nanoparticles by Surface Enhanced Raman Scattering</u> ; science, Vol. 275, (21 February 1997); Pages 1102-1106 |
| AQ | Hokama et al.; <u>Latex antibody test (LAT) for detection of marine toxins in ciguateric fish</u> ; Journal of Natural Toxins, Vol. 6, No. 1, (1997); Pages 35-50 |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

ATTY DOCKET NO.

SERIAL NO.

09/901,106

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPPLICANT
EBESU ET AL.LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

FILING DATE July 10, 2001

GROUP

Date Submitted to PTO:

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|--------------------|------|---------|-------|----------|-----------------------|
| | AN | | | | | | |
| | AO | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AP | Bruneau et al.; <u>Ciguatera fish poisoning linked to the ingestion of barracuda in a Montreal restaurant</u> ; Canada Communicable Disease Report, Vol. 23-20, (October 15, 1997); Pages 1-4 |
| AQ | Sierra-Beltran et al.; <u>An overview of the marine food poisoning in Mexico</u> ; Toxicon, Vol. 36, No. 11, (1998); Pages 1493-1502 |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 603; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | |
|---|--|---|--|---------------------------------------|--|
| Sheet 10 of 10 FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: | | ATTY DOCKET NO. APPLICANT EBESU ET AL. FILING DATE July 10, 2001 | | SERIAL NO. 09/901,106 GROUP | |
|---|--|---|--|---------------------------------------|--|

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------|------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|----------|--------------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | AN | | | | | | |
| | AO | | | | | | |

| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--|--|
| AP | Hokama et al.; <u>A Simple Membrane Immunobead Assay for Detecting Ciguatera and Related Polyethers from Human Ciguatera Intoxication and Natural Reef Fishes</u> ; Journal of AOAC International, Vol. 81, No. 4, (1998); Pages 727-735 |
| AQ | Internet Search Results; Sanner et al.; <u>Ciguatera fish poisoning following travel to the tropics</u> ; Lechuga-Devese et al.; <u>Documented case of ciguatera on the Mexican Pacific coast</u> ; Arcila-Herrera et al.; <u>Ten cases of...</u> ; Blume et al.; <u>Ciguatera ...</u> ; (Abstracts) www.ncbi.nlm.nih.gov; (PubMed) 10/2/2001; 4 pages |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.